

# CELERY Crop Code:3007

## Standard Message:

Broadcast one-half of the fertilizer and disk in. Sidedress the remainder 3 weeks after planting. Sidedress with up to 40 pounds per acre of nitrogen 6 weeks after planting. Repeat nitrogen sidedress 9 to 10 weeks after planting. Blackheart of celery in Pennsylvania appears to be caused by insufficient available calcium for the plant either because of calcium deficiency or extremely high levels of potassium in the soil. A combination of these two could also be responsible. The more available the soil calcium is the higher the potassium can be.

For additional information, see back messages 1,2,3,6,7,8,9,11 and 12.

## Lime and Magnesium Recommendation:

pH Goal: 6.5

Opt soil test Mg (ppm): 120

**Nitrogen Recommendation (lb N/A): 100**

## Phosphorus Recommendation (lb P<sub>2</sub>O<sub>5</sub>/A):

(Optimum soil test P: 35 -70 ppm)

Soil test P (ppm)	P <sub>2</sub> O <sub>5</sub> lb/A
0	300
5	285
10	270
15	260
20	250
25	240
30	230
35	225
40	215
45	200
50	175
55	150
60	125
65	100
70	95

## Potassium Recommendation (lb K<sub>2</sub>O/A):

(Optimum soil test K: 70 - 140 ppm)

Soil test K (ppm)	K <sub>2</sub> O lb/A
0	300
10	290
20	280
30	270
40	260
50	250
60	240
70	230
80	220
90	210
100	200
110	175
120	150
130	125
140	100